

IN THE CLAIMS:

*Please amend the claims as follows:*

1. (Currently Amended) Mobile electronic device, comprising:
  - a radio receiver,
  - an amplifier and
  - an audio connector for connecting to an audio reproduction component, said audio connector providing an antenna function through a connected audio reproduction component,wherein said audio connector comprises at least one first contact and at least one second contact,  
wherein said first contact is connected to ground and to an antenna input of said radio receiver, and said second contact is connected to said amplifier, wherein a band-pass filter component is interconnected between said first contact and said radio receiver,  
wherein the connection via said band-pass filter component is configured to allow a radio signal to propagate from said first contact to said antenna input of said radio receiver, if the radio signal has a frequency lying within one of the frequency ranges of 535 kHz to 1.7 MHz, 3MHz to 30MHz or 70 MHz to 140 MHz.
2. (Previously Presented) Mobile electronic device according to claim 1, wherein said capacitor is connected between said first contact and ground.
- 3-4. (CANCELLED)
5. (Previously Presented) Mobile electronic device according to claim 2, wherein said capacitor has a capacity between 10 pF and 100 pF.
6. (Previously Presented) Mobile electronic device according to claim 1, wherein said device comprises a mobile telephone.

7. (Previously Presented) Mobile electronic device according to claim 1, wherein said radio receiver further comprises a television receiver.
8. (Previously Presented) Mobile electronic device according to claim 1, further comprising a media player.
9. (Previously Presented) Mobile electronic device according to claim 8, wherein said media player includes a media recorder.
10. (Previously Presented) Mobile electronic device according to claim 1, wherein said audio connector comprises at least one third contact connected to a component of said electronic device.
11. (Previously Presented) Mobile electronic device according to claim 10, wherein said third contact is connected to a mobile phone component of said mobile electronic device, to provide a headset for the mobile phone within said mobile electronic device.
12. (Previously Presented) Mobile electronic device according to claim 10, wherein said third contact is connected to control components of said mobile electronic device, to provide a remote control functionality for the mobile electronic device.
13. (Previously Presented) Mobile electronic device according to claim 1, further comprising a direct current blocking capacitor interconnected between said first contact and said radio receiver.
14. (Previously Presented) Mobile electronic device according to claim 1, wherein said capacitor has a capacity between 10 pF and 100 pF.

15. (Previously Presented) Mobile electronic device according to claim 10, wherein said third contact is connected to a mobile phone component of said mobile electronic device, to provide a headset for the mobile phone within said mobile electronic device.
16. (Previously Presented) Mobile electronic device according to claim 11, wherein said third contact is connected to control components of said mobile electronic device, to provide a remote control functionality for the mobile electronic device.
17. (Currently Amended) Mobile electronic device, comprising:
  - a first module for receiving a radio signal;
  - a second module for amplifying; and
  - a connection module for connecting to an audio reproduction component, said connection module providing an antenna function through a connected audio reproduction component;wherein said connection module comprises at least one first contact module and at least one second contact module;  
wherein said first contact module is connected to ground and to an antenna input of said first module, and said second contact module is connected to said second module,  
wherein a module for transmitting and suppressing frequencies is interconnected between said first contact module and said first module;  
wherein the connection via said module for transmitting and suppressing frequencies is configured to allow a radio signal to propagate from said first contact module to said antenna input of said first module, if the radio signal has a frequency lying within one of the frequency ranges of 535 kHz to 1.7MHz, 3 MHz to 30 MHz or 70 MHz to 140 MHz.
18. (CANCELLED)